

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055551.D
 Acq On : 10 Nov 2022 23:02
 Operator : CG/JU
 Sample : N5495-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-32B

Quant Time: Nov 11 02:04:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

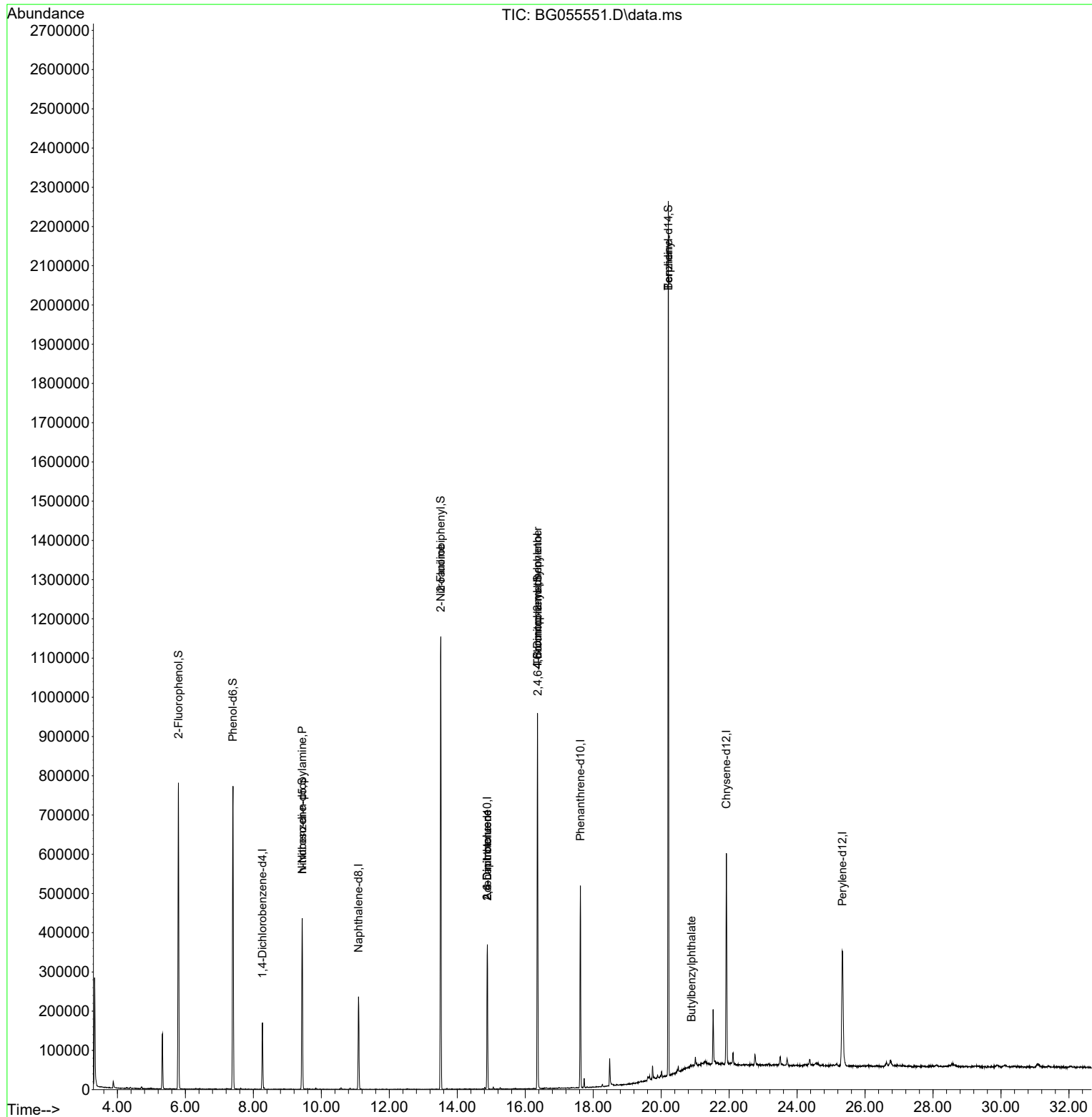
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	47438	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	197650	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	133940	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	319042	20.000	ng	0.00
76) Chrysene-d12	21.919	240	334347	20.000	ng	-0.01
86) Perylene-d12	25.333	264	345589	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	332544	133.523	ng	0.00
7) Phenol-d6	7.401	99	423421	123.078	ng	0.00
23) Nitrobenzene-d5	9.439	82	253454	86.932	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	185787	142.163	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	611731	68.891	ng	0.00
79) Terphenyl-d14	20.215	244	1114243	66.937	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.439	70	35098	12.345	ng	# 78
48) 2-Nitroaniline	13.511	65	1092	4.303	ng	# 1
51) 2,6-Dinitrotoluene	14.886	165	17589	12.338	ng	# 23
57) 2,4-Dinitrotoluene	14.886	165	17589	10.504	ng	# 24
65) 4,6-Dinitro-2-methylph...	16.361	198	427	2.446	ng	# 1
67) 4-Bromophenyl-phenylether	16.361	248	12126	3.726	ng	# 1
77) Benzidine	20.215	184	18685	2.066	ng	# 91
80) Butylbenzylphthalate	20.897	149	161	3.382	ng	# 67

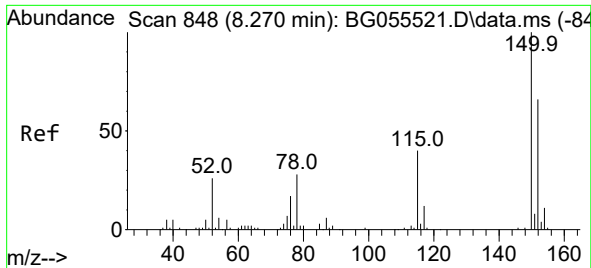
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
Data File : BG055551.D
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Quant Time: Nov 11 02:04:09 2022
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QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

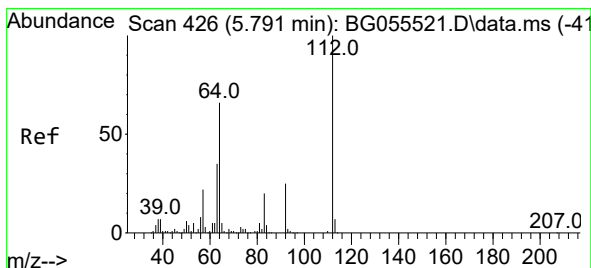
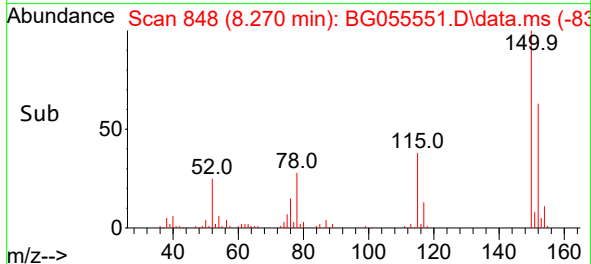
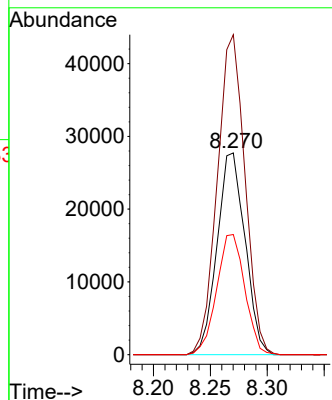
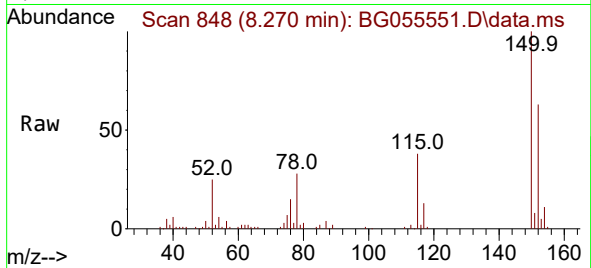




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

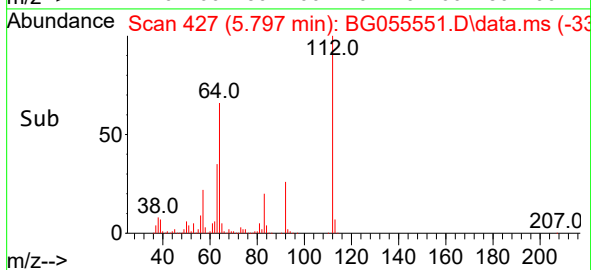
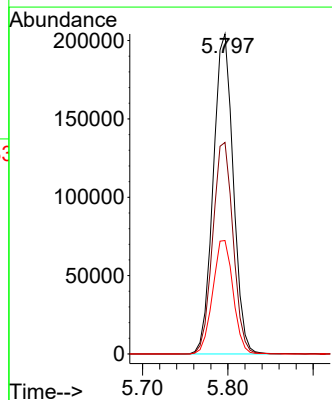
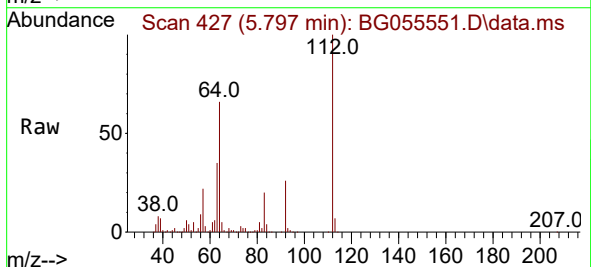
Instrument :
BNA_G
ClientSampleId :
SB-32B

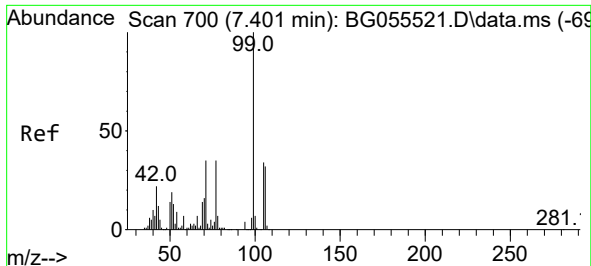
Tgt Ion:152 Resp: 47438
Ion Ratio Lower Upper
152 100
150 158.6 121.0 181.4
115 59.5 47.8 71.8



#5
2-Fluorophenol
Concen: 133.523 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

Tgt Ion:112 Resp: 332544
Ion Ratio Lower Upper
112 100
64 66.1 52.6 78.8
63 35.5 28.3 42.5

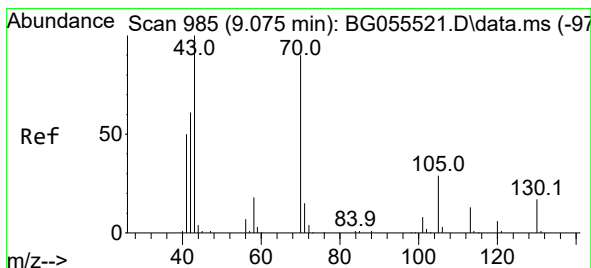
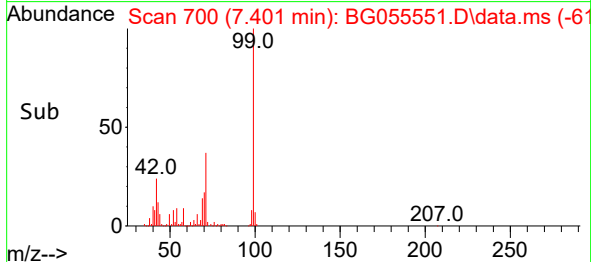
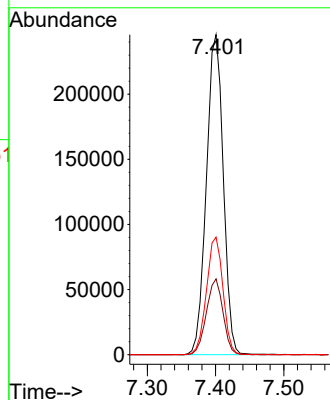
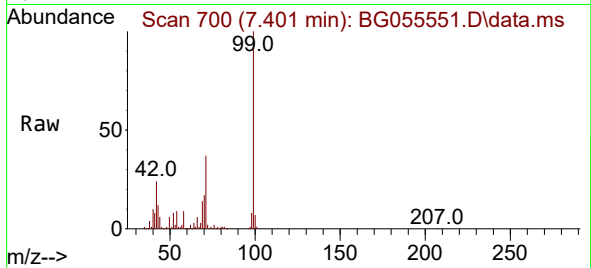




#7
Phenol-d6
Concen: 123.078 ng
RT: 7.401 min Scan# 700
Delta R.T. -0.000 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

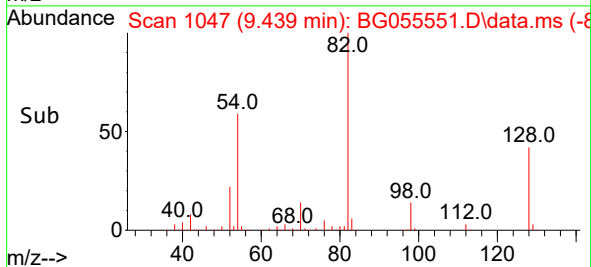
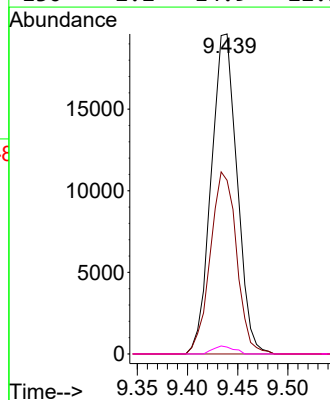
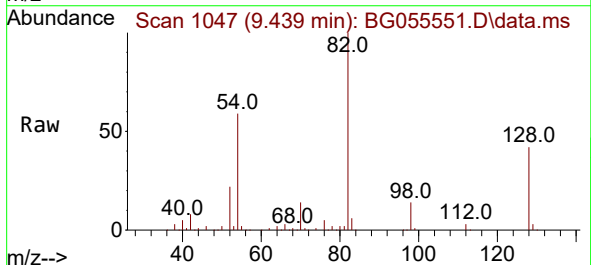
Instrument :
BNA_G
ClientSampleId :
SB-32B

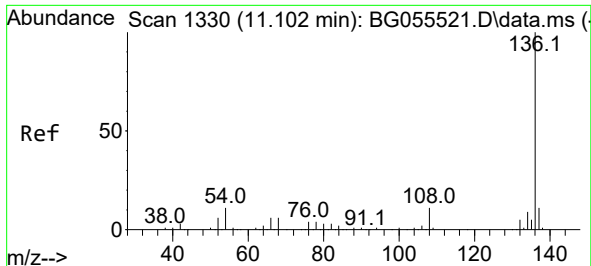
Tgt Ion: 99 Resp: 423421
Ion Ratio Lower Upper
99 100
42 23.7 17.5 26.3
71 36.8 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.345 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

Tgt Ion: 70 Resp: 35098
Ion Ratio Lower Upper
70 100
42 54.3 54.8 82.2#
101 0.0 6.8 10.2#
130 2.2 14.9 22.3#

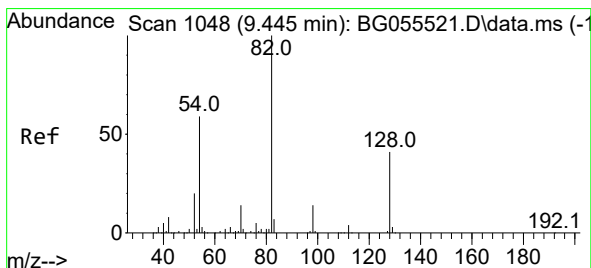
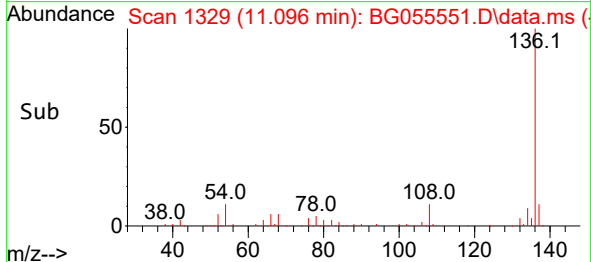
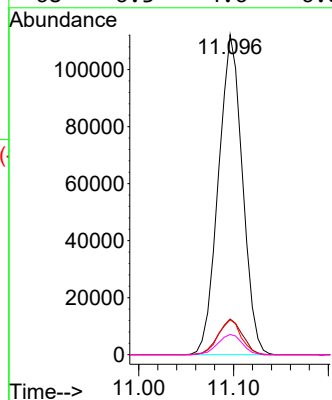
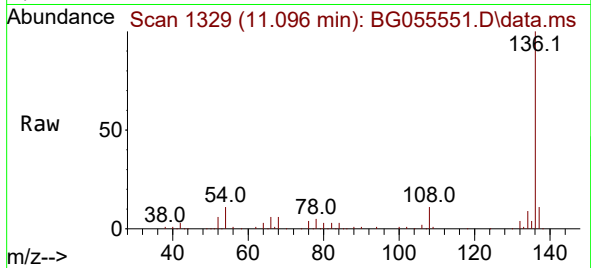




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

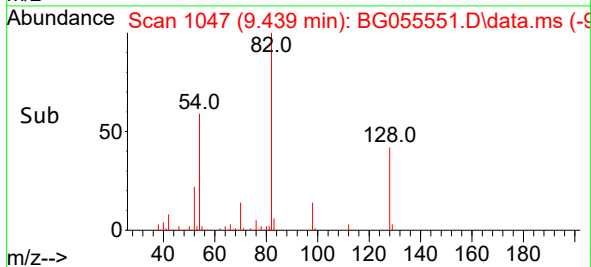
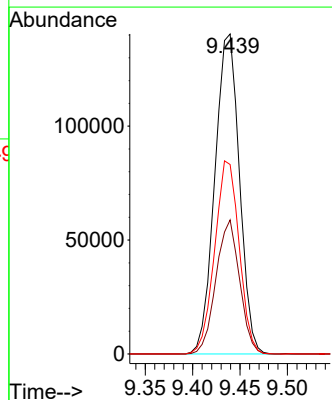
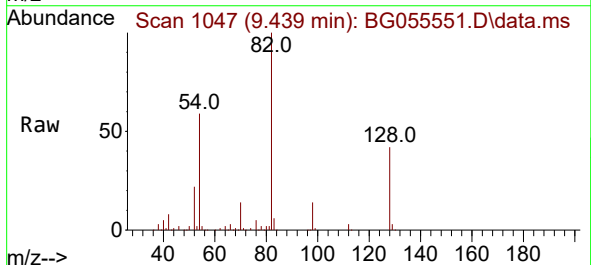
Instrument :
BNA_G
ClientSampleId :
SB-32B

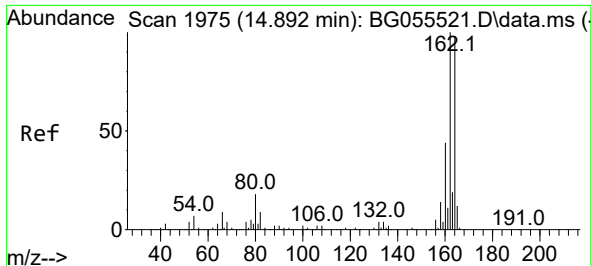
Tgt Ion:	136	Resp:	197650
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	12.8
54	10.9	8.6	12.8
68	6.3	4.6	6.8



#23
Nitrobenzene-d5
Concen: 86.932 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

Tgt Ion:	82	Resp:	253454
Ion Ratio	Lower	Upper	
82	100		
128	41.9	32.6	49.0
54	59.2	47.3	70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BG055551.D

Acq: 10 Nov 2022 23:02

Instrument :

BNA_G

ClientSampleId :

SB-32B

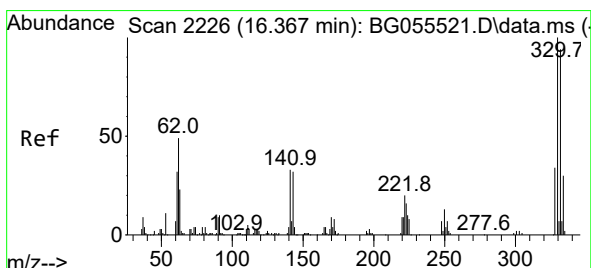
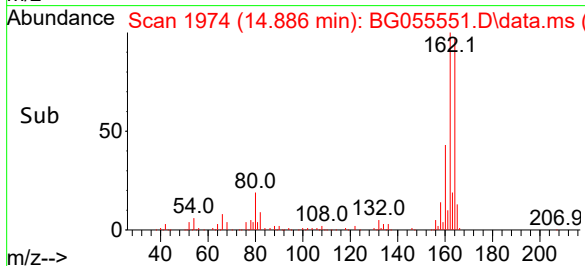
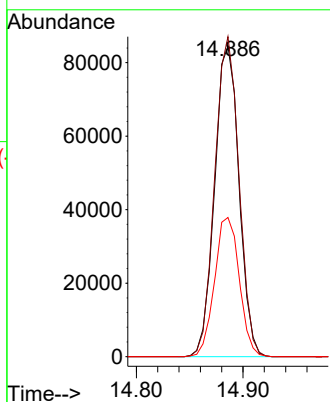
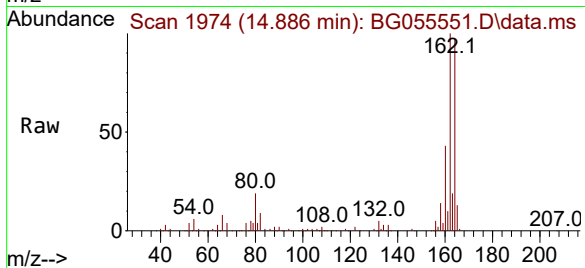
Tgt Ion:164 Resp: 133940

Ion Ratio Lower Upper

164 100

162 103.1 81.3 121.9

160 44.8 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 142.163 ng

RT: 16.367 min Scan# 2226

Delta R.T. -0.000 min

Lab File: BG055551.D

Acq: 10 Nov 2022 23:02

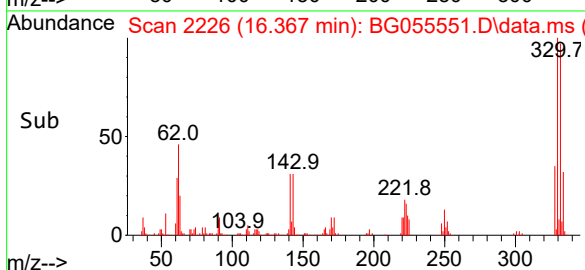
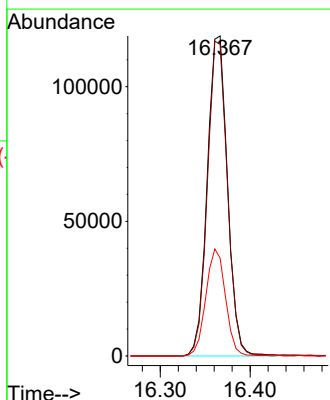
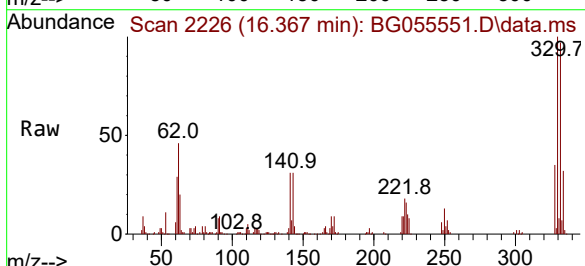
Tgt Ion:330 Resp: 185787

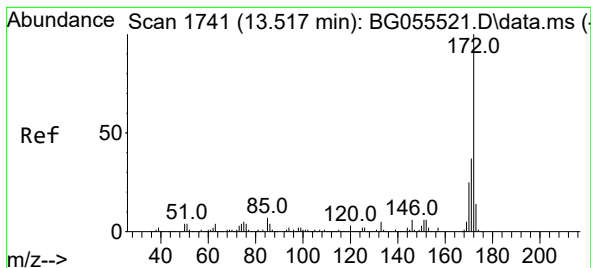
Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

141 32.5 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 68.891 ng

RT: 13.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG055551.D

Acq: 10 Nov 2022 23:02

Instrument :

BNA_G

ClientSampleId :

SB-32B

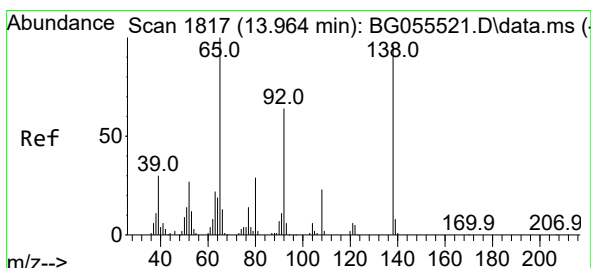
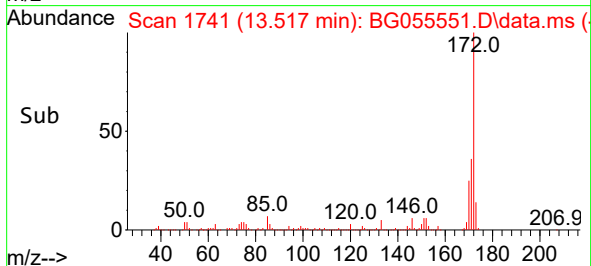
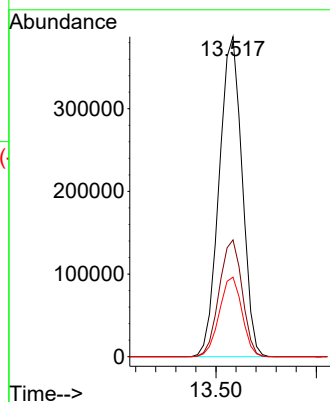
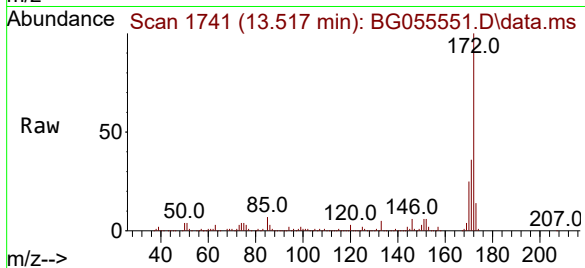
Tgt Ion:172 Resp: 611731

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

170 24.9 19.8 29.6



#48

2-Nitroaniline

Concen: 4.303 ng

RT: 13.511 min Scan# 1740

Delta R.T. -0.453 min

Lab File: BG055551.D

Acq: 10 Nov 2022 23:02

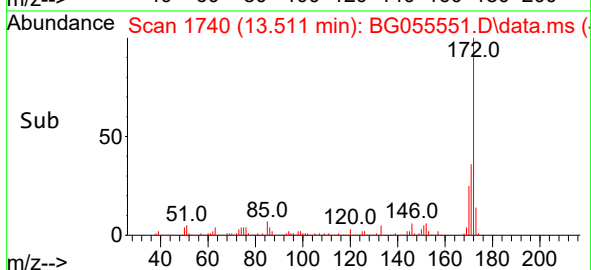
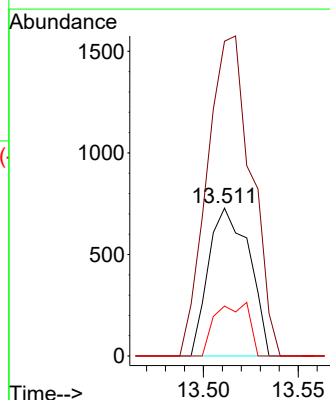
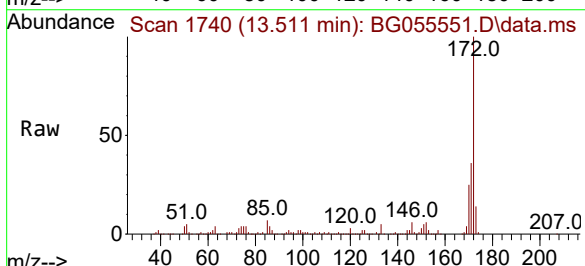
Tgt Ion: 65 Resp: 1092

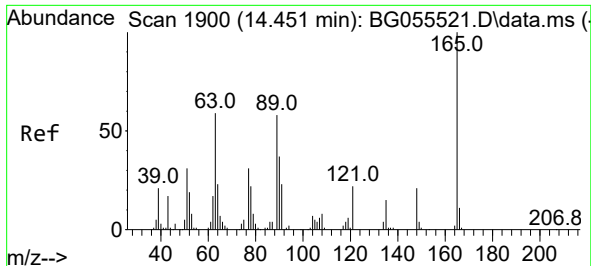
Ion Ratio Lower Upper

65 100

92 212.9 51.6 77.4#

138 33.8 77.0 115.4#

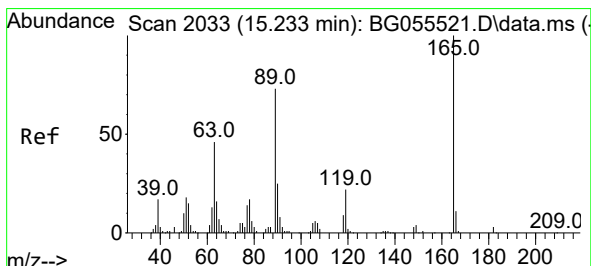
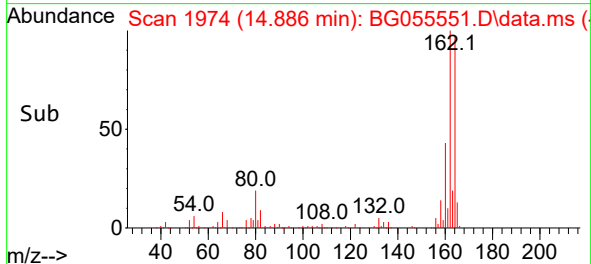
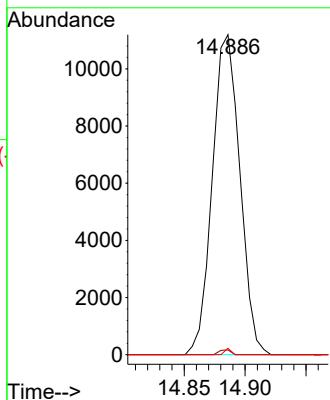
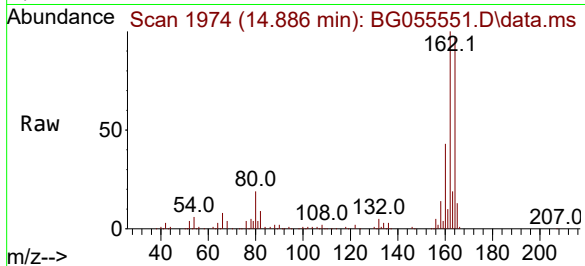




#51
2,6-Dinitrotoluene
Concen: 12.338 ng
RT: 14.886 min Scan# 1900
Delta R.T. 0.435 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

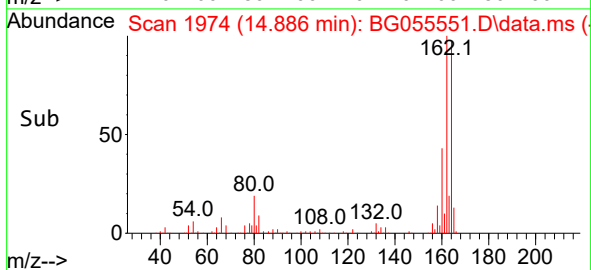
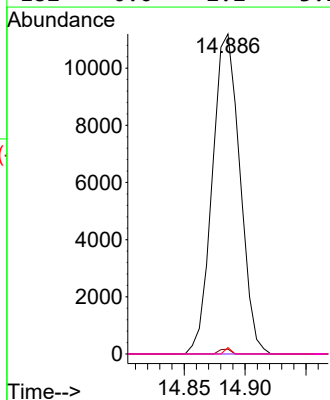
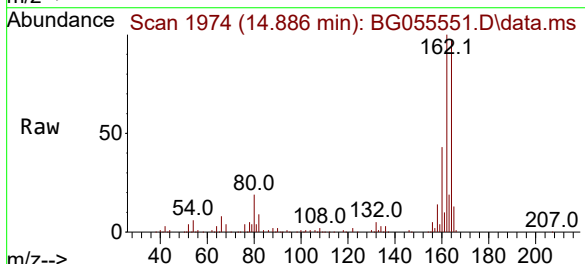
Instrument :
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SB-32B

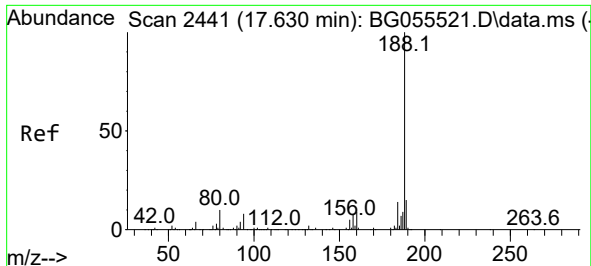
Tgt Ion:165 Resp: 17589
Ion Ratio Lower Upper
165 100
63 1.5 50.1 75.1#
89 2.0 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.504 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.347 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

Tgt Ion:165 Resp: 17589
Ion Ratio Lower Upper
165 100
63 1.5 37.0 55.4#
89 2.0 58.6 87.8#
182 0.0 2.2 3.2#

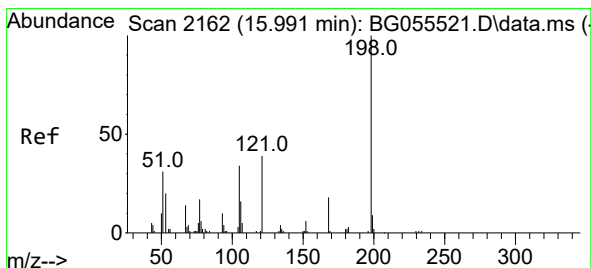
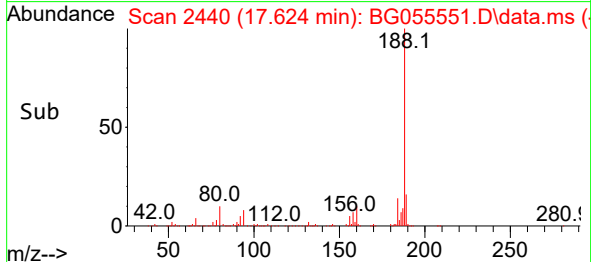
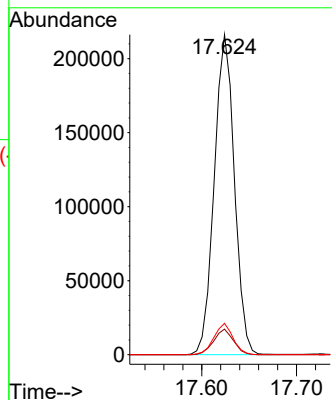
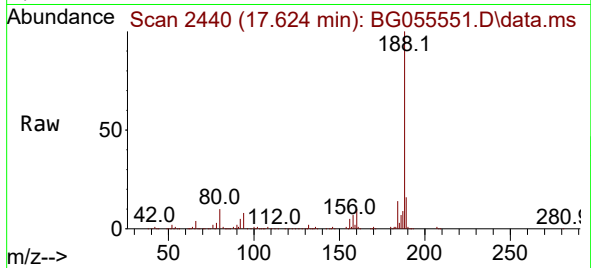




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

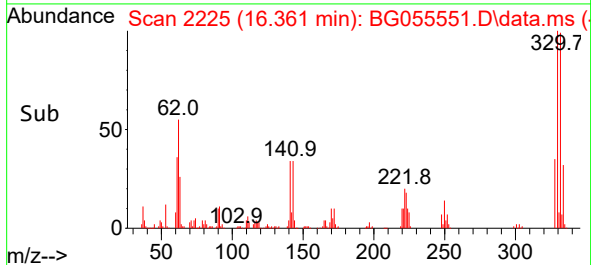
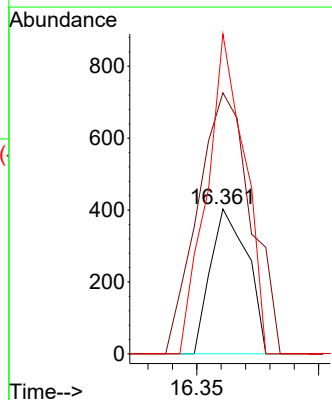
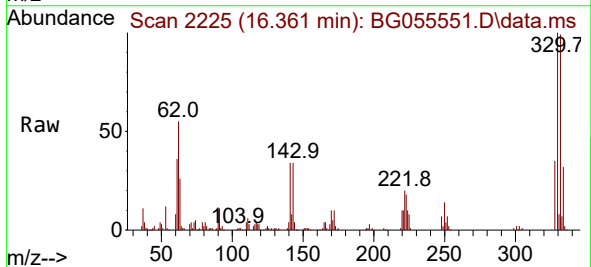
Instrument :
BNA_G
ClientSampleId :
SB-32B

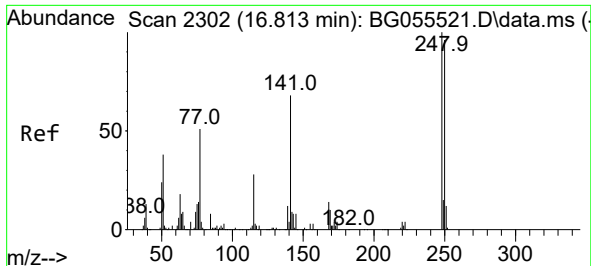
Tgt Ion:188 Resp: 319042
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.8 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.446 ng
RT: 16.361 min Scan# 2225
Delta R.T. 0.370 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

Tgt Ion:198 Resp: 427
Ion Ratio Lower Upper
198 100
51 180.1 24.7 64.7#
105 220.8 17.6 57.6#

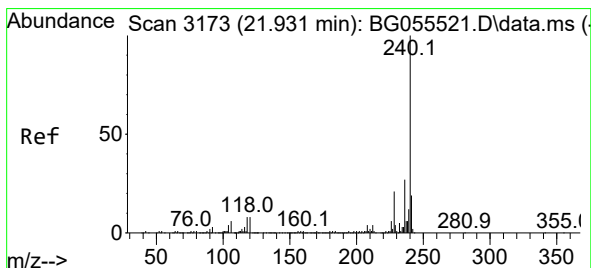
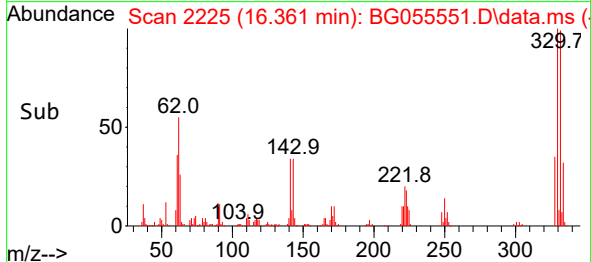
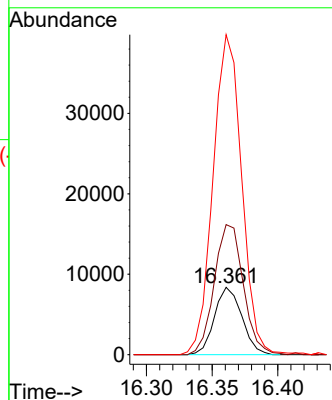
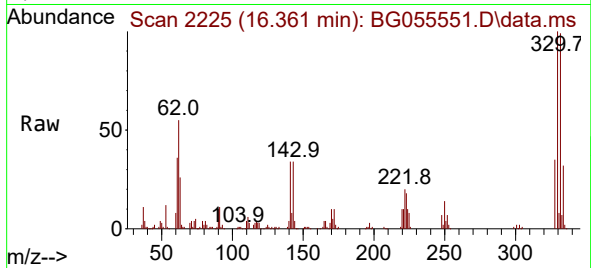




#67
4-Bromophenyl-phenylether
Concen: 3.726 ng
RT: 16.361 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

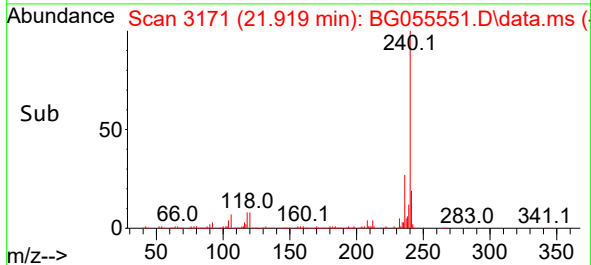
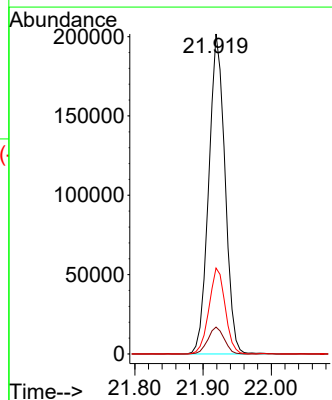
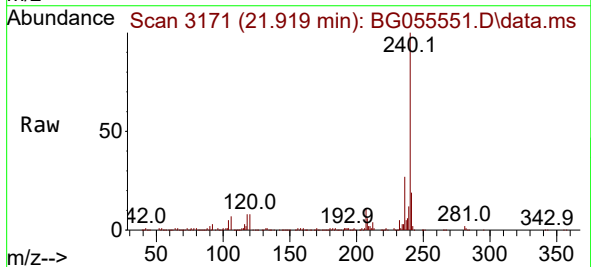
Instrument :
BNA_G
ClientSampleId :
SB-32B

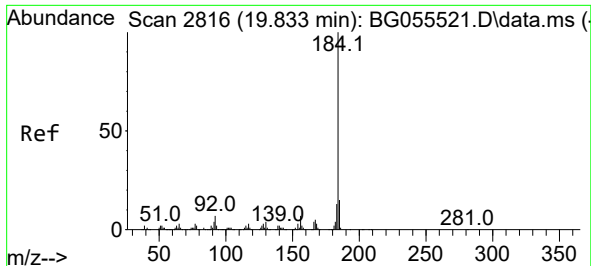
Tgt Ion:248 Resp: 12126
Ion Ratio Lower Upper
248 100
250 193.2 76.9 115.3#
141 475.2 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.012 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

Tgt Ion:240 Resp: 334347
Ion Ratio Lower Upper
240 100
120 8.4 6.1 9.1
236 26.9 21.4 32.0

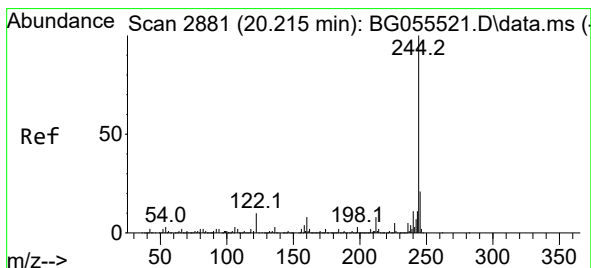
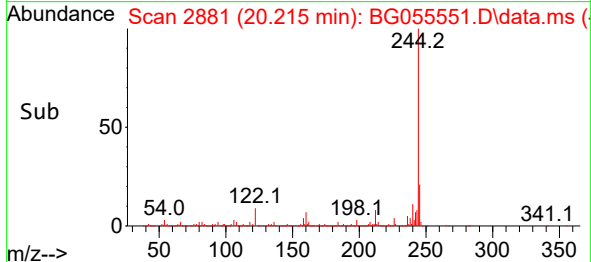
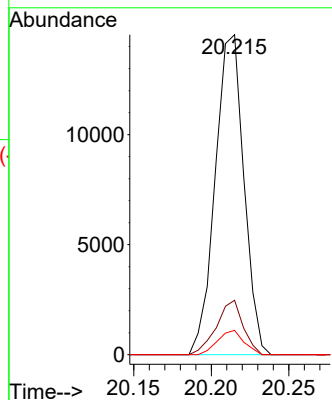
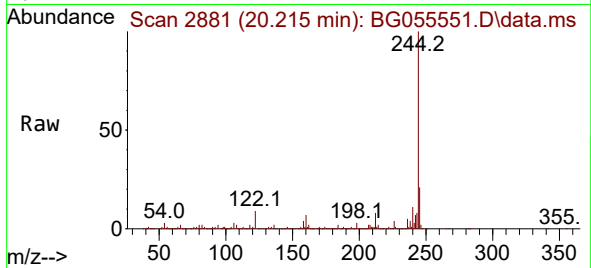




#77
Benzidine
Concen: 2.066 ng
RT: 20.215 min Scan# 2881
Delta R.T. 0.382 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

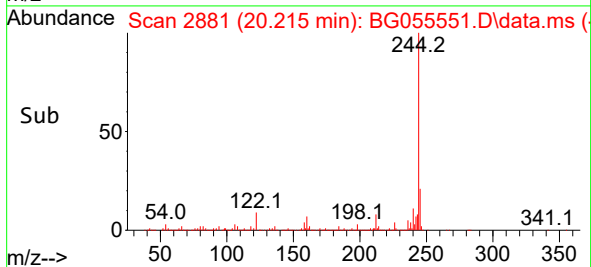
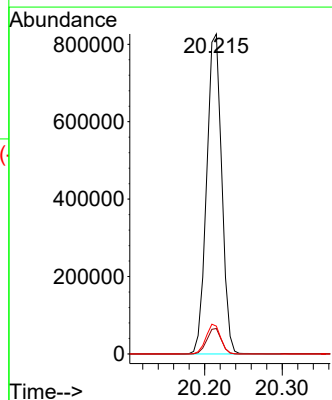
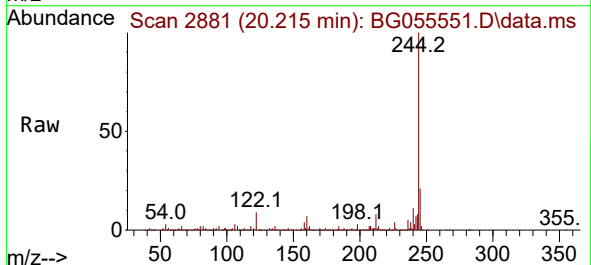
Instrument :
BNA_G
ClientSampleId :
SB-32B

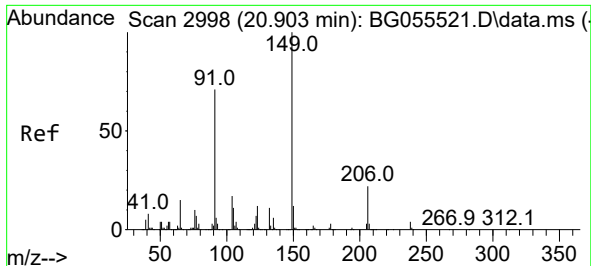
Tgt Ion:184 Resp: 18685
Ion Ratio Lower Upper
184 100
185 17.0 12.0 18.0
183 7.6 10.2 15.2#



#79
Terphenyl-d14
Concen: 66.937 ng
RT: 20.215 min Scan# 2881
Delta R.T. 0.000 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

Tgt Ion:244 Resp: 1114243
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 8.7 7.7 11.5

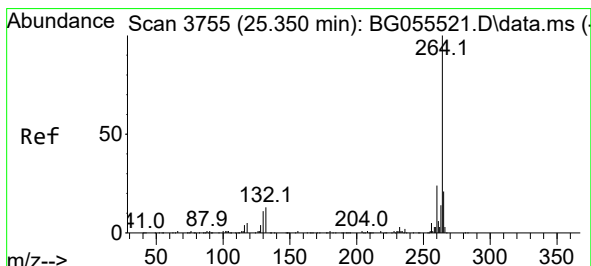
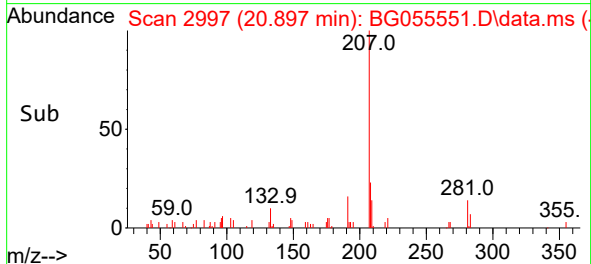
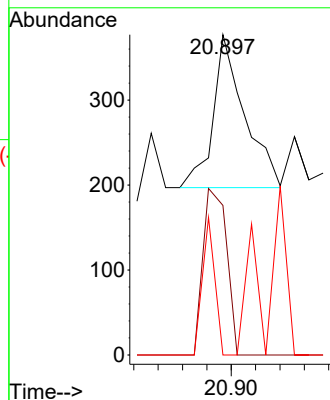
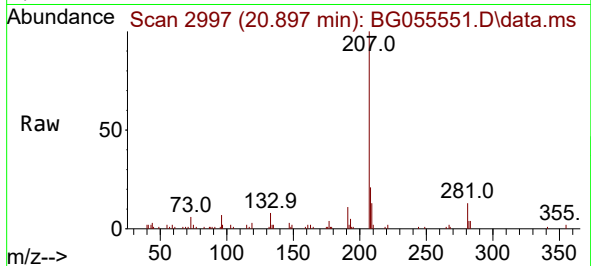




#80
Butylbenzylphthalate
Concen: 3.382 ng
RT: 20.897 min Scan# 2997
Delta R.T. -0.006 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

Instrument :
BNA_G
ClientSampleId :
SB-32B

Tgt Ion:149 Resp: 161
Ion Ratio Lower Upper
149 100
91 46.7 56.8 85.2#
206 0.0 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.333 min Scan# 3752
Delta R.T. -0.017 min
Lab File: BG055551.D
Acq: 10 Nov 2022 23:02

Tgt Ion:264 Resp: 345589
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.9 17.1 25.7

